



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

C10-4-8
Job Sheet 175899



Part No: C10-4-8

Job Qty: 5 pcs

Part Name: Lock Bushing



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/11/18

Job Tracking No:

Due Date: 4/13/18

Created By: Linda Lacelle

Type: SOLD

Description:

Note: DWG C10-4-8 Rev 1A IPP Rev A 18.04.10 new issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	5 Ea		4/12/18	0.00	0.00	Start Up Machining-3		
140	Outsource	5 pcs		4/13/18	0.00	0.00	Outsource15		CT 18-4-11 18/04/18
150	Packaging	5 pcs		4/13/18	0.00	0.00	Packaging2		Alain 18
160	QC	5 pcs		4/13/18	0.00	0.00	QC21 acc 18/04/19		GA-Alain 18

Part Op 140 - Issue P/O to Groupe Altech: P/O 639581 -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004-
Descriptions: .0006 -Bake after plating -Certificate of Conformity is required

170-PK9
180-QC21

DAS
21 APR 21 2018 18-04-19 QB
GA-Alain QB

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
C10-4-8	Lock Bushing strip + renickel	5 pcs (1 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	C10-4-8	5	0	0

Part Specifications

Specifications could not be found.

Plex 4/11/18 2:20 PM dart.lacelle.linda

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____ Date : _____ _____ _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td style="width:15%;">Skid-tube Machining ☐</td> <td style="width:15%;">Cross tube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td></td> <td></td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td></td> <td></td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td></td> <td></td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube Machining ☐	Cross tube ☐	Water Jet ☐	Engineering ☐			Prod. Eng. Coord. ☐	Quality ☐			Rec/Store/Packaging ☐	Other ☐			Supplier ☐	
Skid-tube Machining ☐	Cross tube ☐	Water Jet ☐	Engineering ☐															
		Prod. Eng. Coord. ☐	Quality ☐															
		Rec/Store/Packaging ☐	Other ☐															
		Supplier ☐																
		MRB (QSI042) Approval																
		Completed By																
		Lead hand / Supervisor Approval Verification																
		QC / QA Coordinator Approval																

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 1270 Aberdeen Street
 Newmarket, ON R6A 1K7
 CANADA
 TEL.: 1 813 832-5200
 Email: sales@dartaero.com
 www.dartaerospace.com

Container No: S060088
 Part: C10-4-8
 Job No: 175899
 Serial No/Batch: S060088
 Revision: 1A
 Inspector: _____

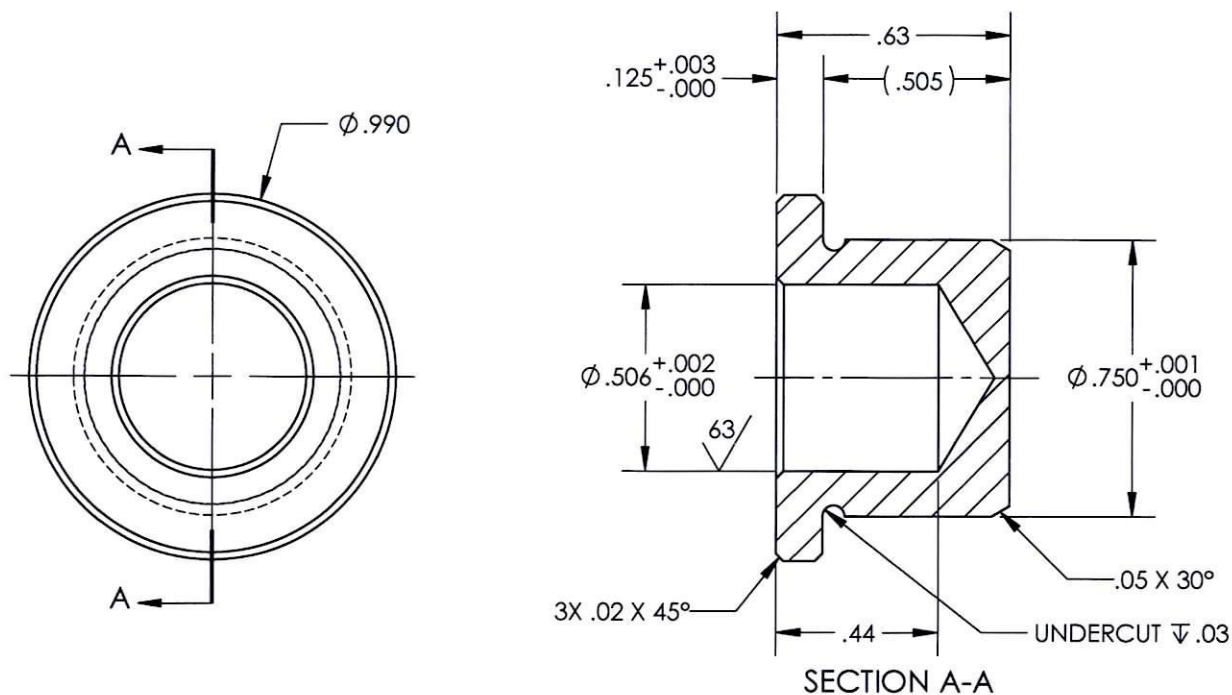
Date: 04/11/18

Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
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OTHER : _____

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		AS DRAWN BY CANAM.	4/30/2013	CFS	
1A	14-0115	CH'D TITLE BLOCK WAS RED BARN IS DART. ADDED BAG & LABEL NOTE. CH'D TOLERANCE ON NON-CRITICAL DIMENSIONS.	8/8/2014	DPD	RW



NOTES:

1. NICKEL PLATE .0004 - .0006, BAKE AFTER PLATING.
2. BAG & LABEL WITH BATCH NUMBER.

DART AEROSPACE	
TITLE LOCK BUSHING	
DWG NO. C10-4-8	REV 1A
MAT'L 4140	DRAWN BY: CANAM
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT HRC 37-40
.XX ± .01	FINISH SEE NOTE 1
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 2:1	DATE 4/26/2002
SHEET 1 OF 1	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS
			C10-4-8	1	LOCK BUSHING	4140	Ø1-1/8 X 3/4



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO039581

Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO039581
PO Date: 4/11/18
Due Date: 4/18/18
**Purchase Order
Revision:**
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	175579	RBST1009-9	Pin Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	4/18/18	3 pcs	0 pcs	3 pcs	\$40.00/pcs	\$120.00
Line Item Note *** need ASAP										
2	175701	C45-4-4KA	Load Beam Keeperless Assembly -Issue P/O to Groupe Altech: P/O _____ -Nickel plate, QQ-N-290, Class 2, Grade C -Nickel Plate .0009-.0011 - Certificate of Conformity is required	Firmed	4/18/18	1 pcs	0 pcs	1 pcs	\$5.80/pcs	\$5.80
Line Item Note ** need ready ASAP										
3	175312	C3-18-7	Lifting Bushing -Issue P/O to Groupe Altech: P/O _____ -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0009-.0011 - Certificate of Conformity is required	Firmed	4/18/18	20 pcs 21	0 pcs 21	20 pcs A 18/04/18	\$4.55638/pcs	\$91.13

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	175899	C10-4-8	Lock Bushing -Issue P/O to Groupe Altech: P/O _____ -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 -Bake after plating -Certificate of Conformity is required	Firmed	4/18/18	5 pcs	0 pcs	5 pcs	\$4.61538/pcs	\$23.08
Line Item Note * to be stripped and re-nickeled										
Grand Total:										\$240.00
Order Notes										
Procurement Quality Clauses A005 right of entry A012 chemical and physical test report A016 personnel qualification A017 raw material identification (as applicable) A022 Apical Processing A024 process certifications A026 certification of material conformance A041 quality management system A042 dart notification by supplier A043 retention of quality documents A048 counterfeit parts avoidance, detection, mitigation and disposition program A049 supplier awareness Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.										

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CT.

Plex 4/13/18 8:27 AM dart.tsimiklis.chrisoula



Certificat de Conformité / Certificate of Compliance

(008381-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupealtech.com

Bon de Livraison / Packing Slip

008381 - 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
17-Apr-2018		Aman		039581				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
3	C3-18-7 Rev.	C3-18-7 NICKEL PLATE QQ-N-290 CLASS 2, GRADE E OR F NICKEL PLATE .0009 TO .0011	E-NICKEL STEEL CH	21	21	0	0	0
4	C10-4-8 Rev.	C10-4-8 NICKEL PLATE QQ-N-290 CLASS 2, GRADE E OR F NICKEL PLATE .0004 TO .0006 BAKE AFTER	E-NICKEL STEEL CH	5	5	0	0	0

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Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.